

Eastern Michigan University

**State Capital Outlay Request FY 2024
Engineering & Technology Complex Phase II
(Roosevelt Hall) Renovations**



EASTERN
MICHIGAN UNIVERSITY

EMU Proposal Summary

- Phase II of Engineering & Technology Complex
- Renovate Roosevelt Hall to support and grow EMU's **advanced technology and engineering programs**
- \$42.5 million project cost (\$30m requested from State, \$12.5m to be paid by EMU)
- Will bring a historic building up to modern standards for technology programs and free up space in Sill Hall for engineering program expansion.



Engineering & Technology Complex Overview

Phase I – Sill Hall Renovation

\$40m self-funded by EMU

- Engineering & Tech
- Opened Fall 2020

Phase II – Roosevelt Hall

\$42.5m requested joint project with the State of Michigan



COMPLETED

REQUESTED

Phase I of EMU's Engineering & Technology Complex



Sill Hall: Before



Sill Hall: After

Phase II of EMU's Engineering & Technology Complex



Roosevelt Hall: Current (interior)

Roosevelt Hall Project Details



- ❑ Renovate 75,600 sq. ft. built in 1924 (last renovated: 1972)
- ❑ Classrooms, labs, student collaboration spaces, and faculty offices brought up to modern standards for advanced technology education
- ❑ Planning for LEED certification
- ❑ Impacting advanced technology programs in Cybersecurity, Aviation, Construction Management, Interior Design, Animation & Gaming, and ROTC
- ❑ Impacting engineering programs in Civil, Mechanical, Electrical, and Computer Engineering
- ❑ Employ approx. 250 construction/trades jobs (est.)

About Eastern Michigan University



Serving nearly 15,000 students

- Nearly 90% of EMU students are from Michigan
- Vast majority of EMU students stay in Michigan after graduation



Established 1849 - 2nd oldest public university in Michigan



Over 150 community college articulation agreements – more than any other university in Michigan

- Almost half of these agreements are in engineering & technology



Highly ranked for providing social mobility to students



EMU: An Institution Of Opportunity

#1

Michigan public university in % of undergraduate students who identify as an **underrepresented minority**

#1

Military-friendly university in Michigan (#2 nationally)

#1

Michigan university in % of students and graduates in **engineering & technology programs** who identify as Black¹

47%

of first-year students receive **Pell Grants**



1. Source: American Society of Engineering Education data

Michigan Needs More Advanced Technology & Engineering Professionals

These high paying jobs:

- drive technological advancements in Michigan,
- bring or keep families in Michigan, and
- drive our local economies forward resulting in greater tax revenues.

Job Category	% Increase by 2030	% Annual Turnover
Aviation	8.5%	10.9%
Engineering*	9.0%	7.9%
Cybersecurity	21.5%	10.9%
Simulation, Animation, Gaming (SAG)	3.6%	9.8%

Source: <http://www.projectionscentral.com/Projections/LongTerm>

*Includes engineering specialties that EMU programs support – Civil, Chemical, Electrical, & Mechanical.

EMU Is Meeting Michigan's Need For Advanced Technology & Engineering Professionals

- MEDC and ESD report more than 20,000 new jobs are created every year in Michigan in the engineering and technology fields...
- But all engineering & technology colleges/universities in Michigan graduate only 8,000 new graduates every year
- EMU's GameAbove College of Engineering & Technology (GACET) has grown from 9% of all EMU students in 2015 to 15% in 2023
- EMU's GACET has 180+ advisory board members from Michigan businesses advising our program development



DTMB Scoring & Historic Funding

- DTMB scored EMU's Roosevelt Hall project **#1 in FY 2023 and 2024** among capital outlay requests
- EMU ranks near the bottom (11 out of 15) in capital outlay funding from the State since 1992
- EMU ranks last (15 out of 15) in number of capital outlay projects since 1992





EMU engineering students attending the National Society of Black Engineers Conference in March 2023



James M. Smith, Ph.D.

President, Eastern Michigan University

Mohamad Qatu, Ph.D.

Dean, GameAbove College of Engineering and Technology

Scott Storrar

Executive Director, Facilities Planning, Maintenance, and Construction

Government Relations Office

207 Welch Hall, Ypsilanti, MI 48197

(734) 487-7048

government.community@emich.edu

QUESTIONS?